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Maesteg Urban District Council.

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Annual  
REPORT

Of the  
Medical Officer of Health  
for the Year  
1943.

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Ralph W. H. Thomas,  
M.R.C.S., L.R.C.P.

Medical Officer of Health.

Medical Superintendent of the Maternity

Home and of the Isolation Hospital.

Public Assistance M.O., and Public

Vaccinator.



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# Maesteg Urban District Council.

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## Members of the Council.

Councillor THOMAS J. JONES, J.P., Chairman.

Councillor LLEWELLYN EVANS, Vice-Chairman.

County Councillor Thomas Jenkins, Councillors William Hitchings, A. E. Lockyer, George Hitchings, Howell Davies, Brinley Richards, Robert Williams, Arthur D. Edwards, David J. Thomas, D. C. Watkins, David Joseph Thomas, Morgan Jones, Ithel D. Thomas, W. R. Rees.

Solicitor—Clerk to the Council: Mr. A. KING-DAVIES.

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## Public Health Officers of the Local Authority.

Medical Officer of Health, Medical Superintendent of the Maternity Home and of the Isolation Hospital, Public Assistance M.O., and Public Vaccinator :—

RALPH W. H. THOMAS, M.R.C.S., L.R.C.P.

Sanitary Inspectors :—

D. MORGAN THOMAS, Chief Sanitary Inspector.

IVOR DAVIES, Sanitary Inspector.

Health Visitors :—

Miss E. A. DANIELS and Miss ANN STEPHENS.

Matron of the Maternity Home :—

Miss M. A. WELCH.

Matron of the Isolation Hospital :—

Miss D. A. F. HEATH.

Clerks :—

Mr. DENIS LLOYD CURTIS and Mrs. DORIS JONES.

## Telephone Numbers.

Public Health Department, Town Hall	... ..	Maesteg 230
Medical Officer of Health (Private Residence)		Maesteg 362
Isolation Hospital	... ..	Maesteg 227
Maternity Home	... ..	Maesteg 210
Maternity and Child Welfare Centre, Church Street		Maesteg 345
Chief Billëting Officer, Talbot Street	... ..	Maesteg 327

MAESTEG URBAN DISTRICT COUNCIL.

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**ANNUAL REPORT OF THE MEDICAL OFFICER  
OF HEALTH.**

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Health Department,

Town Hall,

Maesteg.

*To the Chairman and Members of the Maesteg  
Urban District Council.*

Gentlemen,

I beg to submit for your consideration my Annual Report upon the vital statistics and sanitary circumstances of the Urban District for the year 1943.

At the request of the Welsh Board of Health, this report has been curtailed, and the information contained therein is mainly statistical.

The birth-rate is 19.9 per 1,000 and the general death-rate is 12.9 per 1,000 of the population.

The infantile death-rate is 81 per 1,000 live births, the maternal death-rate is 2.16 per 1,000 total births.

I have again to acknowledge and thank the Council for the consideration and support accorded the Department during a most trying period, and I have also to express my appreciation to the staff of the department and helpers at the various Clinics for their effort to keep the services going in a manner as near normality as it has been possible.

I am,

Mr. Chairman and Gentlemen,

Your obedient servant,

RALPH W. H. THOMAS,

Acting Medical Officer of Health.

## GENERAL STATISTICS.

Area in Acres	...	...	...	...	...	...	...	...	6709
Assessable Value in 1943	...	...	...	...	...	...	...	...	£76,148
Sum represented by Penny Rate	...	...	...	...	...	...	...	...	£282

Per 1000

Birth-rate for 1943	...	...	...	...	...	...	...	...	19.9
Death-rate (from all causes) for 1943	...	...	...	...	...	...	...	...	12.9
Death-rate from Pulmonary Tuberculosis for 1943	...	...	...	...	...	...	...	...	.85
Death-rate from other forms of Tuberculosis for 1943	...	...	...	...	...	...	...	...	.22
Infantile Mortality for 1943	...	...	...	...	...	...	...	...	81

## EXTRACTS FROM VITAL STATISTICS.

### Births :—

	<i>Total</i>	<i>Males</i>	<i>Females</i>
Legitimate ... ..	424	222	202
Illegitimate ... ..	19	8	11
Still-Births ... ..	19	14	5
Birth Rate ... ..	19.9		
England & Wales ...	16.5		

### Deaths :—

Total—287.	Males—155.	Females—132.
Death Rate ...	12.9	
England & Wales	12.1	

### Deaths from Puerperal Causes :—

From Puerperal Sepsis ... ..	0
Other Puerperal Causes ... ..	1
Rate per 1,000 total (live and still) births ...	2.16

### Deaths of Infants under One Year of Age :—

Legitimate ... ..	36
Illegitimate ... ..	0
Total ... ..	36
Rate per 1,000 ... ..	81
Deaths from Diarrhoea, under 2 years... ..	4
Deaths from Measles, all ages ... ..	0
Deaths from Whooping Cough, all ages ... ..	1

# VITAL STATISTICS FOR THE LAST 20 YEARS.

Year	Birth Rate per 1,000	Infantile Death Rate per 1,000	Death all ages Rate per 1,000	Year	Birth Rate per 1,000	Infantile Death Rate per 1,000	Death all ages Rate per 1,000
1924	25.13	65	9.66	1934	18.77	109	13.03
1925	22.31	92	11.04	1935	18.93	76	12.87
1926	22.19	100	12.61	1936	18.33	79	13.64
1927	18.96	91	10.97	1937	17.25	64	12.52
1928	20.80	66	11.70	1938	18.32	88	12.43
1929	19.13	102	12.59	1939	16.28	84	14.58
1930	18.17	65	10.71	1940	18.9	81	13.6
1931	19.50	81	12.2	1941	18.2	79	13.3
1932	16.51	93	11.65	1942	20.1	61	11.4
1933	17.54	71	12.81	1943	19.9	81	12.9

# Glamorgan (Administrative County).

## VITAL STATISTICS, 1943.

District	Birth Rate	Death Rate	Infantile Death Rate (per 1,000 live Births)
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England and Wales	...	...	...	16.5	...	12.1	...	49
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### Urban Districts—

Aberdare	...	...	...	...	15.6	...	14.4	...	44
Barry Boro'	...	...	...	...	20.3	...	11.8	...	40
Bridgend	...	...	...	...	16.8	...	11.2	...	35
Caerphilly	...	...	...	...	20.6	...	13.5	...	75
Cowbridge	...	...	...	...	17.0	...	13.8	...	48
Gelligaer	...	...	...	...	22.0	...	12.1	...	77
Glyncorrwg	...	...	...	...	23.2	...	11.3	...	45
Llwchwr	...	...	...	...	18.1	...	11.5	...	41
MAESTEG	...	...	...	...	19.9	...	12.9	...	81
Mountain Ash	...	...	...	...	18.1	...	13.7	...	46
Neath Boro'	...	...	...	...	14.5	...	12.2	...	70
Ogmore and Garw	...	...	...	...	20.7	...	11.6	...	54
Penarth	...	...	...	...	17.4	...	13.0	...	49
Pontypridd	...	...	...	...	18.5	...	13.0	...	69
Porthcawl	...	...	...	...	17.6	...	12.2	...	57
Port Talbot Boro'	...	...	...	...	18.3	...	13.2	...	58
Rhondda	...	...	...	...	17.3	...	13.6	...	55

### Rural Districts—

Cardiff	...	...	...	...	...	17.0	...	10.9	...	31
Cowbridge	...	...	...	...	...	22.5	...	11.9	...	62
Gower	...	...	...	...	...	16.2	...	12.0	...	53
Llantrisant & Llantwit Fardre	...	...	...	...	...	19.3	...	10.6	...	42
Neath	...	...	...	...	...	17.8	...	11.2	...	60
Penybont	...	...	...	...	...	19.5	...	9.8	...	60
Pontardawe	...	...	...	...	...	17.8	...	12.9	...	60



## NOTIFIABLE DISEASES.

Diseases						Total Cases notified	Cases admitted to Hospital	Total Deaths
Smallpox	...	...	...	...	...	0	0	0
Scarlet Fever	...	...	...	...	...	53	50	0
Diphtheria	...	...	...	...	...	58	58	2
Enteric Fever (including Paratyphoid)	...	...	...	...	...	1	1	0
Puerperal Pyrexia	...	...	...	...	...	0	0	0
Pneumonia	...	...	...	...	...	43	0	18
Erysipelas	...	...	...	...	...	4	0	0
Pulmonary (and all forms of Tuberculosis)	...	...	...	...	...	43	0	25
Ophthalmia Neonatorum	...	...	...	...	...	1	1	0
Cerebro-Spinal Fever	...	...	...	...	...	4	4	1
Measles	...	...	...	...	...	377	0	0
Whooping Cough	...	...	...	...	...	5	0	1

## OPHTHALMIA NEONATORUM.

Cases						
Notified	Treated.		Vision	Vision	Total	Deaths
	At Home	In Hospital	Unim- paired	Im- paired	Blind- ness	
1	0	1	1	0	0	0

## TUBERCULOSIS.

### New Cases and Mortality during 1943.

Aged	New Cases.				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
0 ... ..	0	0	0	0	0	0	0	0
1 ... ..	2	0	1	1	0	0	0	0
5 ... ..	0	2	2	2	0	0	0	2
15 ... ..	7	8	2	2	4	4	1	1
25 ... ..	0	4	1	1	0	3	0	0
35 ... ..	1	2	0	0	0	1	1	0
45 ... ..	2	1	0	0	3	0	0	0
55 ... ..	0	0	0	0	3	1	0	0
65 & upwards	1	1	0	0	1	0	0	0
Totals ... ..	13	18	6	6	11	9	2	3

In the course of the year, the number of notifications of Tuberculosis (pulmonary and other forms) received, was 43. This figure shows an increase of 6 on the previous year.

The number of cases of Pulmonary Tuberculosis notified during the year was 13 males and 18 females. Non-Pulmonary Tuberculosis, 6 males and 6 females.

The deaths from Pulmonary Tuberculosis were 20. The number of deaths from other forms of Tuberculosis, was 5.

The distribution of the notifications is as follows :—

<i>Ward.</i>						<i>Pulmonary.</i>	<i>Non-Pulmonary.</i>	
Caerau ... ..						9	...	3
Nantyffyllon ... ..						7	...	5
East ... ..						6	...	5
West ... ..						6	...	2
						28	...	15
						43		

### Cases Notified for the Ten Years 1934-1943.

1943	1942	1941	1940	1939
43	37	43	51	63
1938	1937	1936	1935	1934
51	33	34	44	66

At the end of the year, after death removals, cures, altered diagnosis, and transfers had been adjusted, there were 331 cases on the register, made up as follows :—

					<i>Pulmonary.</i>	<i>Non-Pulmonary.</i>	
Males ... ..					95	...	66
Females ... ..					101	...	69
					196	...	135
					331		

No special provision is made by the Council for the treatment of Tuberculosis. Treatment of the patient is left to the Medical Practitioner in attendance, who either directly or through the Medical Officer of Health, obtains the assistance of the Welsh National Memorial Association.

**THE PUBLIC HEALTH (PREVENTION OF  
TUBERCULOSIS) REGULATIONS, 1925.**

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No action was taken under these regulations during the year.

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**PUBLIC HEALTH ACT, 1936—SECTION 172.**

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No action was taken by the Council under this Section during 1943.

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**PUBLIC HEALTH ACT, 1936—SECTION 176.**

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**Power of Local Authority in respect of the Prevention and Treatment of Blindness.**

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No action was taken by the Council under this Section during 1943.

## ANNUAL RAINFALL.

The total rainfall for the year, as registered at the Council's Isolation Hospital was 70.99 inches.

The rainfall for the past ten years is as follows :—

									<i>Inches.</i>
1933	...	...	...	...	...	...	...	...	48.81
1934	...	...	...	...	...	...	...	...	69.26
1935	...	...	...	...	...	...	...	...	73.26
1936	...	...	...	...	...	...	...	...	58.07
1937	...	...	...	...	...	...	...	...	49.18
1938	...	...	...	...	...	...	...	...	67.54
1939	...	...	...	...	...	...	...	...	76.33
1940	...	...	...	...	...	...	...	...	63.42
1941	...	...	...	...	...	...	...	...	51.47
1942	...	...	...	...	...	...	...	...	65.69

				1943.		1942.		1941.		1940.
<i>Distribution</i>				inches.		inches.		inches.		inches.
January	...	...	...	10.91	...	7.75	...	4.32	...	5.26
February	...	...	...	4.48	...	0.58	...	6.10	...	6.95
March...	...	...	...	1.76	...	5.00	...	3.34	...	4.90
April	...	...	...	2.42	...	1.89	...	1.85	...	4.54
May	...	...	...	6.44	...	6.94	...	3.52	...	1.99
June	...	...	...	7.33	...	0.55	...	1.83	...	0.91
July	...	...	...	6.15	...	7.39	...	4.79	...	6.88
August	...	...	...	8.29	...	8.43	...	9.52	...	1.07
September	...	...	...	7.69	...	6.15	...	0.56	...	4.09
October	...	...	...	6.62	...	9.11	...	5.68	...	7.93
November	...	...	...	4.85	...	1.17	...	3.48	...	12.43
December	...	...	...	4.05	...	10.73	...	6.48	...	6.47
Totals	...	...	...	70.99	...	65.69	...	51.47	...	63.42

The heaviest rainfall was during the month of January—10.91 inches.

The lightest rainfall was during the month of March—1.76 inches.

The rainfall records of the other districts in the area of the Mid-Glamorgan Water Board, which is responsible for the water supply of the district, for the year 1943, are as follows:—

Month	Merthyr Bridg-				St. Black OgmorePonty-			
	Mawr	end	Schwyll	Brynna	Athan	mill	Vale	cymmer
January ...	7.76	8.62	8.22	8.78	6.29	11.85	13.94	12.58
February ...	1.81	1.61	1.54	2.34	1.49	4.17	7.17	5.22
March ...	1.18	1.26	1.17	1.26	1.03	1.71	2.50	2.10
April ...	1.24	2.07	1.17	1.67	.91	2.58	3.02	3.24
May ...	3.64	4.72	3.64	4.23	3.14	5.93	7.88	5.74
June ...	4.04	3.58	3.03	4.07	2.15	6.25	9.30	7.82
July ...	2.77	2.60	2.50	4.42	2.31	3.50	8.48	3.94
August ...	4.02	3.97	3.82	5.26	3.92	7.72	11.00	10.30
September	5.85	5.41	5.28	5.74	4.69	6.31	9.23	8.32
October ...	3.72	4.06	3.51	3.84	3.02	7.18	6.70	6.13
November	3.34	1.90	2.66	3.33	2.77	4.75	6.79	5.90
December...	3.70	2.82	3.20	3.26	3.24	3.70	4.84	4.15
Totals ...	43.07	42.62	39.74	48.20	34.96	65.65	90.88	75.44

## CAUSES OF DEATH.

### Enteric Fever.

There were no deaths.

#### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00

per 1,000.

### Measles.

There were no deaths,

#### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.00	0.00	0.12	0.17	0.00	0.00	0.00	0.08	0.00

per 1,000

### Scarlet Fever.

There were no deaths.

#### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00

per 1,000.

### Whooping Cough.

There was one death—a female

#### Death Rates.

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.04	0.00	0.04	0.00	0.04	0.04	0.00	0.13	0.00

per 1,000.

## Diphtheria.

There were 2 deaths—1 male and 1 female.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.08	0.17	0.00	0.21	0.13	0.13	0.08	0.04	0.04

per 1,000

## Influenza.

There were 2 deaths—all males

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.08	0.08	0.33	0.25	0.40	0.09	0.39	0.17	0.33

per 1,000.

## Cerebro-Spinal Fever.

There was 1 death—a female.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.04	0.17	0.12	0.25	0.08	0.09	0.08	0.00	0.00

per 1,000

## Tuberculosis.

There were 25 deaths from all forms of Tuberculosis during 1943, as follows :—

				<i>Males.</i>	<i>Females.</i>
Tuberculosis—Pulmonary	...	...	...	10	9
Tuberculosis—Non-Pulmonary.	...	...	...	2	4
Total number of Deaths	...	...	...	25	

Comparisons :—

	1943	1942	1941	1940	1939	1938	1937	1936	1935
Pulmonary	...	19	11	19	15	27	12	15	20
Non-Pulmonary		6	3	1	2	4	3	1	3

Death-rates from Pulmonary Tuberculosis :—

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.	1934.	1933.
0.85	0.48	0.79	0.64	1.20	0.53	0.66	0.62	0.84	0.91	1.02

per 1,000.

Death-rates from Non-Pulmonary Tuberculosis :—

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.	1934.	1933.
0.22	0.13	0.04	0.08	0.13	0.13	0.04	0.13	0.12	0.33	0.08

per 1,000.



## Syphilis.

There were no deaths.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.00	0.08	0.00	0.00	0.04	0.00	0.00	0.00	0.00
per 1,000.								

## Diabetes.

There were 4 deaths, all females.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.17	0.08	0.12	0.04	0.31	0.27	0.26	1.23	0.88
per 1,000.								

## Heart Disease.

There were 62 deaths—28 males and 34 females.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
2.78	3.40	3.59	3.36	4.54	3.25	3.08	3.45	2.77
per 1,000.								

## Other Circulatory Diseases.

There were 5 deaths—4 males and 1 female.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.22	0.08	0.04	0.08	0.62	0.89	0.61	0.64	0.63
per 1,000.								

## Cancer.

There were 42 deaths, 26 males and 16 females.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
1.88	1.31	1.29	0.68	1.21	0.94	0.75	1.23	0.88
								per 1,000.

## Bronchitis.

There were 37 deaths—24 males and 13 females.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
1.65	0.71	1.46	1.79	1.20	0.89	0.97	1.41	1.38
								per 1,000.

## Pneumonia.

There were 18 deaths—11 males and 7 females.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.76	0.61	0.92	1.10	0.57	0.53	0.39	0.47	0.54
								per 1,000.

## Other Respiratory Diseases.

There were 8 deaths—6 males and 2 females.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.35	0.00	0.08	0.42	0.26	0.36	0.30	0.13	0.21
								per 1,000.

## Diarrhoea under Two Years.

There were 4 deaths—3 males and 1 female.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.17	0.17	0.12	0.17	0.13	0.04	0.04	0.17	0.16
per 1,000.								

## Appendicitis.

There were 2 deaths—1 male and 1 female.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.08	0.04	0.04	0.00	0.00	0.00	0.04	0.04	0.00
per 1,000.								

## Other Digestive Diseases.

There were 7 deaths—4 males and 3 females.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.31	0.21	0.12	0.17	0.00	0.18	0.30	0.13	0.08.
per 1,000.								

## Nephritis.

There were 6 deaths—2 males and 4 females.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.22	0.08	0.21	0.08	0.13	0.22	0.13	0.43	0.33.
per 1,000.								

## Puerperal Sepsis.

There were no deaths.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.00	0.04	0.00	0.00	0.00	0.04	0.04	0.08	0.00
per 1,000.								

## Congenital Debility, Malformation and Premature Birth, etc.

There were 8 deaths—4 males and 4 females.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.35	0.34	0.41	0.46	0.57	0.98	0.92	1.02	0.58.
per 1,000								

## Suicide.

There were 3 deaths—2 males and 1 female.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.13	0.00	0.04	0.08	0.08	0.09	0.04	0.04	0.04
per 1,000.								

## Other Deaths from Violence.

There were 5 deaths—4 males and 1 female.

### *Death Rates.*

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.
0.39	0.52	0.45	0.93	0.22	0.40	0.48	0.47	0.54
per 1,000.								

## DEATHS FROM ZYMOTIC DISEASES.

Table showing the number of deaths in the Urban District  
of Maesteg from the Principal Zymotic Diseases since 1922 :

Year.		Small Pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Enteric Fever.	Diarrhoea.	Total Zymotic Deaths.
1922	.....	0	14	2	9	3	0	13	41
1923	.....	0	3	1	0	1	0	6	11
1924	.....	0	0	0	5	2	0	6	13
1925	.....	0	12	0	13	3	0	9	37
1926	.....	0	0	0	1	11	0	5	17
1927	.....	0	0	2	12	3	0	6	23
1928	.....	0	11	2	0	7	0	2	22
1929	.....	0	3	2	2	4	0	2	13
1930	...	0	0	0	0	6	0	5	11
1931	...	0	3	0	0	2	0	1	6
1932	...	0	0	1	3	3	0	3	10
1933	...	0	0	0	0	1	0	3	4
1934	...	0	2	0	0	0	0	4	6
1935	...	0	0	0	0	1	0	4	5
1936	...	0	2	0	3	1	0	4	10
1937	...	0	0	0	0	2	4	1	7
1938	...	0	0	1	1	3	0	1	6
1939	...	0	0	0	1	3	0	4	8
1940	...	0	4	0	0	5	0	4	13
1941	...	0	3	0	1	0	0	3	7
1942	...	0	0	0	0	4	0	4	8
1943	.....	0	0	0	1	2	0	4	7

## DEATHS AMONGST INFANTS.

The death-rate for infants is recorded as so many per thousand births registered, and is a true rate, being based upon actual figures. The 36 deaths registered give an infantile death-rate of 81 per thousand births registered. The corresponding rate for England and Wales during the same period is 49, so that we are considerable above the average death-rate.

In trying to ascertain the reason why this should be the case, I have made the following list of the various causes from which the Infants died :—

Causes of Deaths at various ages under 1 year.

<i>Sex.</i>		<i>Cause of Death.</i>	<i>Age.</i>
Female	..... 1a.	Prematurity .....	2 days
Female	..... 1a.	Convulsions .....	
	..... b.	Acute Diarrhoea .....	8 days
Female	..... 1a.	Septic Meningitis .....	
	..... b.	Spina Befida.....	5 weeks
Male	..... 1a.	Laryngismus Stridulus .....	6 months
Female	..... 1a.	Broncho Pneumonia .....	11 months
Male	..... 1a.	Cardiac Failure .....	
	..... b.	Acute Bronchitis .....	4 months
Female	..... 1a.	Cardiac Failure .....	
	..... b.	Acute Bronchitis .....	3 months
Female	..... 1a.	Convulsions .....	
	..... b.	Capillary Bronchitis .....	9 months
Female	..... 1a.	Bronchitis .....	
	..... b.	Congenital Disease of Heart .....	3 months
Male	..... 1a.	Cardiac Failure .....	
	..... b.	Gastro Enteritis .....	7 weeks
Male	..... 1a.	Acute Croup and Bronchitis .....	4 months
Male	..... 1a.	Cardiac Failure .....	
	..... b.	Lobar Pneumonia .....	2 months
Female	..... 1a.	Convulsions .....	
	..... b.	Acute Bronchitis (Febile) .....	5 months
Female	..... 1a.	Prematurity .....	30 mins.
Male	..... 1a.	Atelectasis Pulmonum .....	2 hours

Causes of Death at various ages under 1 year—continued

<i>Sex.</i>		<i>Cause of Death.</i>	<i>Age.</i>
Male	.....	1a. Convulsions .....	.....
		b. Broncho Pneumonia .....	7 months
Male	.....	1a. Acute Bronchitis .....	4 months
Female	.....	1a. Prematurity .....	1 hour
Male	.....	1a. Prematurity .....	3 hours
Male	.....	1a. Prematurity (7 weeks) .....	6 days
Male	.....	1a. Convulsions .....	.....
		b. Intra Cranial Haemorrhage .....	1 day
Male	.....	1a. Gastro Enteritis .....	3 months
Male	.....	1a. Asphyxia Pallida .....	1 hour
Female	.....	1a. Atelectasis Pulmonum .....	2 days
Female	.....	1a. Convulsions .....	.....
		b. Broncho Pneumonia .....	2 weeks
		c. Mal-development .....	.....
Male	.....	1a. Broncho Pneumonia .....	5 months
Female	.....	1a. Spina Befida.....	5 months
Female	.....	1a. Toxaemia .....	.....
		b. Capillary Bronchitis .....	7 weeks
Female	.....	1a. Inanition .....	.....
		b. Prematurity .....	8 weeks
Female	.....	1a. Broncho Pneumonia .....	9 weeks
Male	.....	1a. Diphtheria .....	11 months
Female	.....	1a. Acute Bronchitis .....	5 months
Male	.....	1a. Cardiac Failure .....	.....
		b. Infective Enteritis .....	2 months
Female	.....	1a. Acute Bronchitis .....	5 weeks
Female	.....	1a. Spina Befida.....	9 weeks
Female	.....	1a. Pulmonary Congestion .....	6 weeks

Going over the list of deaths, I find that a number only lived a few days, and some only a matter of hours.

One reason probably that may in some way account for the number of Premature Births is that the prospective mothers follow up the work connected with their homes until the commencement of labour, and are unable to take a certain amount of rest

during the latter months, which is needful to assist in the well-being of their future offspring. If women in this condition of health made a point during the last three months of pregnancy to confine themselves to the lighter duties connected with the home, rested for an hour or two every afternoon and retired to bed early, there would not be, I feel confident, so many Premature Births to record as what there are at present.

A number of the deaths occurred from disease of the respiratory organs, viz., Bronchitis and Pneumonia, and possibly the climatic conditions may have been one of the principal causes.

Classified according to Wards and Sex, the deaths occurred as follows :

<i>Ward.</i>	<i>Mãle.</i>	<i>Female.</i>	<i>Total.</i>
Caerau .....	5	7	12
Nanttyffyllon .....	5	1	6
East .....	2	5	7
West .....	4	7	11
<hr/>			
	16	20	36



# SUMMARY OF THE CHIEF CAUSES OF DEATHS AND THEIR RATES FOR THE YEAR 1943.

				<i>Number of deaths.</i>	<i>Rate per 1,000</i>
Typhoid and Paratyphoid Fever	...	...	...	0	—
Cerebro-spinal Fever	...	...	...	1	.04
Scarlet Fever	...	...	...	0	—
Whooping Cough	...	...	...	1	.04
Diphtheria	...	...	...	2	.08
Tuberculosis of Respiratory System	...	...	...	19	.85
Other Tuberculosis	...	...	...	6	.22
Syphilitic Diseases	...	...	...	0	—
Influenza	...	...	...	2	.08
Measles	...	...	...	0	—
Ac : polio-myel. and polio-enceph.	...	...	...	0	—
Ac : inf. enceph.	...	...	...	0	—
Cancer of b. cav. & oesoph. (M), uterus (F)	...	...	...	1	.04
Cancer of stomach and duodenum	...	...	...	15	.67
Cancer of Breast	...	...	...	3	.13
Cancer of all other sites	...	...	...	23	1.03
Diabetes	...	...	...	4	.17
Intracran : vasc. lesions	...	...	...	20	.89
Heart Disease	...	...	...	62	2.78
Other Circulatory Diseases	...	...	...	5	.22
Bronchitis	...	...	...	37	1.65
Pneumonia	...	...	...	18	.76
Other Respiratory Diseases	...	...	...	8	.35
Ulcer of Stomach or Duodenum	...	...	...	2	.08
Diarrhoea under 2 years	...	...	...	4	.17
Appendicitis	...	...	...	2	.08
Other Digestive Diseases	...	...	...	7	.31
Nephritis	...	...	...	6	.22
Puer. and post-abort. sepsis	...	...	...	0	—
Other maternal causes	...	...	...	1	.04
Premature birth	...	...	...	6	.22
Con. mal. birth injuries, infant dis.	...	...	...	8	.35
Suicide	...	...	...	3	.13
Road traffic accidents	...	...	...	2	.08
Other violent causes	...	...	...	5	.22
All other causes	...	...	...	14	.62

## MATERNITY AND CHILD WELFARE.

**Infant Welfare Centres.** There are three Infant Welfare Centres holding regular sessions in the district.

The total number of children who first attended at the Centres during the year, and who, on the date of their first attendance, were :—

(i)	Under 1 year of age .....	318
(ii)	Between the ages of 1 and 5 years .....	10

The total number of children under 5 years of age who attended at the Centres during the year, and who, at the end of the year were :—

(i)	Under 1 year of age .....	266
(ii)	Over 1 year of age .....	271

**Health Visiting.** The following is a record of the work carried out by our Health Visitors, and the general results for 1943 :

### Visits :—

(i)	To expectant mothers	First Visits	103
		Total Visits	173
(ii)	To children under 1 yr. of age	First Visits	431
		Total Visits	1,360
(iii)	To children between the ages		
	of 1 and 5 years	Total Visits	3,201

## ANTE-NATAL SERVICES.

There are two Clinics provided by the Council at which attendances are confined to expectant mothers.

The total number of women who attended at the Clinics during the year was 233.

The co-operation of the local Midwives and Medical Practitioners has enhanced the value of this service.

## PROVISION FOR DENTAL, EYE AND

### ORTHOPAEDIC TREATMENT.

The Council have provided for the Dental, Eye and Orthopaedic treatment of children and mothers attending the maternity and Child Welfare Centres, under a scheme existing between the County Council and this Council.

### MATERNITY HOME.

**Accommodation.** The accommodation for patients remains the same as in the previous year. The allocation of beds is as follows :—

Number of maternity beds in the Institution (exclusive of isolation and labour beds)	8
Number of beds included under above which have been allocated to, and reserved for, expectant mothers in need of hospital treatment	... .. 1

**Admissions.** The number of maternity cases admitted during the year was 150. Of these admissions, 28 were attended by Doctors and 122 by the Staff of the Home, the patients living within the district being attended by their own Doctors; and those living outside, by the Medical Superintendent.

### NOTIFICATION OF BIRTHS ACTS, 1907 AND 1915.

All births notified to the Medical Officer of Health under the above Acts, are visited by the Health Visitors as soon as the Doctor or Midwife has ceased to attend. Infants are visited monthly during the first year; more frequent visits being made in the case of delicate babies. Children over 12 months are visited, as far as possible, every six months until they commence attending school.

## CHILDREN ACT, 1908.

The Medical Officer of Health is the officer to whom notices required by the Children's Act, 1908, shall be sent, and the Council's Health Visitors have been appointed Infant Protection Visitors under the Act. No contravention of any of the provisions of this part of the Act was reported during the year.

## SCHOOLS.

In cases of Infectious Diseases, steps are taken in conjunction with the school authorities to exclude all scholars who have been in contact with the patient.

The Medical Inspection of school children is provided by the County Council, who have also established Ophthalmic, Dental and Orthopaedic Clinics.

## HEALTH SERVICES.

Hospitals provided or subsidised by Local Authority or County Council :—

(1) **Poor Law.**—For Poor Law purposes Maesteg is divided into two districts, a Relieving Officer serving each district.

(2) **Tuberculosis.**—Institutions maintained by the Glamorgan County Council and the Welsh Memorial Association are available for the treatment of persons suffering from Tuberculosis.

(3) **Maternity.**—A private residence within the district has been acquired by the Local Authority and converted into a Maternity Home. Patients are admitted on payment of fees, but in exceptional cases a reduced fee or free admission is granted.

(4) **Children.**—The Glamorgan County Council provides for the care and treatment of deformed and mentally defective children. Orthopaedic cases are also dealt with at the School Clinic in connection with our Child Welfare Scheme.

(5) **Fever.**—The Isolation Hospital is maintained by the Local Authority and is situated in a favourable position within the district at an altitude of 650 feet above sea-level, and will accommodate 20 Diphtheria and 20 Scarlet Fever patients. There is also a block for the reception of Puerperal cases.

(6) **Small Pox.**—The Local Authority is now a constituent member of the Ogmore Small Pox Hospital Committee, and any case that may occur will be removed to that Committee's Hospital at Cefn Hirgoed.

(7) **General.**—The Maesteg General Hospital is maintained by public subscriptions, and is an excellent institution of its kind. The equipment is well up to modern requirements, and the operating theatre compares very favourably with those of much larger institutions. There is accommodation for 44 patients.

## **INSTITUTIONAL PROVISION FOR UNMARRIED MOTHERS.**

The Public Assistance Infirmary at Pontypridd provides for the admission of unmarried mothers to the Maternity Ward. Provision is made at the Cottage Homes, Bridgend, by the Assistance Committee, for illegitimate and homeless children.

## **AMBULANCE FACILITIES.**

(a) **For Infectious Diseases.**—A Motor Ambulance is provided by the Local Authority for the removal of Infectious Diseases Cases to the Isolation Hospital.

(b) **For Non-Infectious and Accident Cases.**—A Motor Ambulance is provided in connection with the General Hospital, Maesteg, and is garaged at the Hospital.



## **CLINIC AND TREATMENT CENTRES.**

Maternity and Child Welfare Centres are provided (as reported elsewhere) by the Local Authority. The County Council provides a School Clinic, and the Welsh National Memorial Association a Clinic for Tuberculosis. There are three Venereal Diseases Clinics available for the district. They are provided by the Glamorgan County Council, and are situated at Barry, Port Talbot and Pontypridd.

## **LABORATORY WORK.**

All the Bacteriological and Chemical work is undertaken at the Cardiff and County Public Health Laboratory, towards the upkeep of which the Council pay an annual contribution. Samples of water and milk are sent for examination from time to time throughout the year, and specimens of blood, naso-pharyngeal swabs, and other material from cases of infectious disease are sent as occasion arises. Swabs taken from all Diphtheria patients prior to discharge from the Isolation Hospital are sent for analysis.

## **SANITARY CIRCUMSTANCES AND ADMINISTRATION.**

Maesteg is a constituent of the Mid-Glamorgan Water Board and the water supply to this district is entirely in its hands. Trunk mains link up the water supply throughout the Mid-Glamorgan Area.

No new sources of water supply have been brought into use or extensions of mains carried out in the Maesteg District during the past year.

Numerous samples of water have been sent to the County Analyst for examination from the various upland sources upon which the supply to Maesteg is dependant, and results have been uniformly satisfactory.

For the greater part of the year the sources in the Maesteg area were able to maintain the supply ; for the other periods the supply was adequately supplemented from the sources of the Ogmore and Garw Valleys. It was not found necessary to supplement the supply during the past year from the Schwyll hard water source.

## **SCAVENGING.**

Refuse collection is carried out daily, and is disposed of by means of controlled tipping at the Maesteg Welfare Park. A considerable area of unusable land is thereby being made available for a Playing Field.

## **SEWAGE DISPOSAL.**

A new Sewage Disposal Works is urgently needed, and should be dealt with in the immediate Post-War years. In addition, the main Sewer is in a bad state, and should be renewed when hostilities cease.

## **HOUSING.**

Number of houses erected during the year :—

- |                               |     |      |
|-------------------------------|-----|------|
| 1. By Local Authority         | ... | Nil. |
| 2. By other persons or bodies | ... | Nil. |

Total number of houses owned by the Local Authority :—

- |                           |     |      |
|---------------------------|-----|------|
| 1. Under the Housing Acts | ... | 178. |
| 2. Other Powers           | ... | 15.  |

## **RENT AND MORTGAGE RESTRICTIONS**

### **(AMENDMENT) ACT, 1933 (SECTION 12).**

During the year three applications were received for Certificates under the above mentioned-Act, and the applications were granted,

## GENERAL OBSERVATIONS AS TO HOUSING CONDITIONS.

The Housing Conditions recorded in the Annual Report last year remain substantially the same.

The present circumstances have not permitted the problems of individual unfit houses and overcrowding to be dealt with effectively. Inadequate supplies of building materials also cause delay in the carrying out of house repairs.

### SUMMARY OF THE WORK OF THE SANITARY DEPARTMENT DURING THE YEAR 1943.

Inspections made during the year	...	...	...	283
Revisits	...	...	...	135
Cases of Infectious Diseases investigated	...	...	...	116
Inspections of Cowsheds and Dairies	...	...	...	60
„ Bakehouses	...	...	...	20
„ Cinemas	...	...	...	15
„ Ice Cream Shops	...	...	...	—
„ Fish and Chip Shops	...	...	...	40
„ Factories	...	...	...	45
„ Slaughterhouses & Slaughtering	...	...	...	280

In all, 93 Informal Notices were served, and to enforce compliance it was necessary to serve 21 Abatement Notices.

Thirty-two Notices under Section 138 of the Public Health Act, 1936, to provide dwellings with a sufficient supply of water, were served on the owners.



## ISOLATION HOSPITAL.

The following table shows the number of cases of Infectious Diseases notified, and the number removed to Hospital for isolation during the year 1943, and for the 12 previous years.

Year	No. of cases notified.						No. of cases removed.						Total cases removed	Percentage of Cases removed	
	Scarlet Fever	Diphtheria	Enteric Fever	Puerperal Pyrexia	Erysipelas	Cerebro-Spinal Fever	Scarlet Fever	Diphtheria	Enteric Fever	Puerperal Pyrexia	Erysipelas	Cerebro-Spinal Fever			
1943	53	58	1	0	4	4	120	50	58	1	0	0	4	113	94.17
1942	105	93	0	3	6	5	212	86	93	0	3	0	4*	186	87.73
1941	95	58	0	3	6	14	176	88	58	0	3	1	14	164	93.18
1940	62	137	0	6	9	24	238	47	136	0	6	0	16	205	86.13
1939	57	100	0	5	5	1	168	57	100	0	4	1	0	162	96.43
1938	93	216	0	7	8	0	324	66	195	0	1	0	0	262	80.86
1937	31	83	13	1	7	0	136	21	82	13	1	2	0	120	88.24
1936	24	31	0	4	9	0	69	23	29	0	4	0	0	57	82.61
1935	31	34	0	7	5	0	77	29	32	0	3	1	0	65	84.42
1934	48	23	0	6	18	0	95	42	22	0	1	3	0	68	71.58
1933	81	37	0	5	4	1	129	81	37	0	3	0	0	121	93.80
1932	38	67	0	3	7	3	118	32	67	0	2	0	1	102	86.44
1931	31	70	0	4	5	0	111	21	67	0	3	0	0	92	82.90

## DIPHTHERIA IMMUNISATION.

Diphtheria immunisation was continued in the Area during the year 1943.

The following table sets out the number and ages of the children immunised :—

Number of children immunised under 5 years	...	...	270
--	-----	-----	-----

Number of children immunised between 5 and 15 years	...	...	380
---	-----	-----	-----

Number of children not completed course :—

Under 5 years	...	...	18
---------------	-----	-----	----

Between 5 and 15 years	...	...	31
------------------------	-----	-----	----

## SCABIES.

Treatment is carried out at the Cleansing Section of the Fixed First-Aid Post, Church Street, Maesteg.

The method of treatment is as follows :—

**First Day** :—Cleansing bath and application of Proscabine.

**Second Day** :—Cleansing Bath, dress in clean underwear and outer clothing (where possible), and disinfection of discarded clothing.

During the year 57 cases were treated, five of these cases were given an additional course of treatment.

## SUPERVISION AND INSPECTION OF FOOD.

### The Milk (Special Designations) Order, 1936.

During the year the following licenses were issued within the area of the Council under provisions of the above Order :—

Six Dealers Licences to sell milk as " Pasteurised."

Two Pasteurisers Licences to sell milk as " Pasteurised."

Inspections of farms and dairies were carried out during the year and samples of milk sent to Cardiff and County Public Health Laboratory for Bacteriological examination.

The following table sets out the amount of meat, condemned and destroyed as unfit for human consumption, during the year :—

### CARCASES INSPECTED AND CONDEMNED.

		Cattle including Cows	Calves	Sheep & Lambs	Pigs
Number killed	...	720	1223	7227	32
Number inspected	...	709	1200	7020	32
<b>All Diseases except Tuberculosis</b>					
Whole carcasses condemned		0	0	9	0
Carcases of which some part or organ was condemned ...		134	0	330	1
Percentage of the number inspected affected with disease other than Tuber- culosis. ...	...	18.8	0	4.7	3.1
<b>Tuberculosis only</b>					
Whole carcasses condemned		1	0	0	0
Carcases of which some part or organ was condemned....		45	0	0	0
Percentage of the number inspected affected with Tuberculosis ...	...	6.3	0	0	0

### SLAUGHTER OF ANIMALS ACT, 1933.

Nine slaughter-men were given licences during the year.

### SLAUGHTERHOUSES.

There was one Slaughter-house in use during the year, situated at rear of No. 263 Bridgend Road, and used by the Ministry of Food.

**SUMMARY OF THE MEAT AND OTHER FOODS  
CONDEMNED IN THE YEAR ENDED  
DECEMBER 31st, 1943.**

<i>Description.</i>	<i>Reason for Condemnation</i>	<i>Approximate Weight</i>
		<i>lbs.</i>
1 Bovine Carcase and Organs (complete) .....	Tuberculosis .....	724
43 Bovine Lungs.....	Tuberculosis .....	215
10 Bovine Livers .....	Tuberculosis .....	120
26 Bovine Heads .....	Tuberculosis .....	780
9 Bovine Mesenteries .....	Tuberculosis .....	90
77 Bovine Livers .....	Parastic and Bacterial Diseases .....	235
9 Sheep Carcases.....	Casualties and Emaciation .....	319
320 Sheep Plucks .....	Parasitic Diseases .....	960
Portion of Beef .....	Bruised .....	288
Total Weight of Meat Condemned.....		<u>4,655</u>

Other Foods—		<i>lbs.</i>
Tinned Meat .....	Decomposition .....	928
151 Tins of Fruit & Vegetables	Blown .....	220
69 Tins of Fish .....	Decomposition .....	50
664 Tins of Milk.....	Blown .....	581
76 Tins of Beans.....	Blown .....	40
Cheese .....	Decomposition .....	329
Bacon and Ham .....	Decomposition .....	145
Margarine and Butter .....	Rancid .....	197
Cocoa .....	Stale .....	48
Wet Fish .....	Decomposition .....	231
Total Weight of Other Foods.....		<u>2,769</u>

The total quantity of Meat and other Foods surrendered and destroyed annually during the past fourteen years is given in the following table :—

			<i>Tons</i>	<i>cwts.</i>	<i>qrs.</i>	<i>lbs.</i>
1943	...	...	3	6	1	4
1942	...	...	4	8	2	9
1941	...	...	3	17	0	1
1940	...	...	2	17	2	14
1939	...	...	2	2	1	1
1938	...	...	2	8	1	7
1937	...	...	2	13	3	9
1936	...	...	2	10	0	13
1935	...	...	3	2	3	9
1934	...	...	4	12	1	24
1933	...	...	3	15	0	24
1932	...	...	3	0	3	6
1931	...	...	2	10	3	5
1930	...	...	1	17	3	4
<hr/>						
Total	...		43	3	3	27
<hr/>						

## THE FOOD AND DRUGS (ADULTERATION) ACT.

Sampling under the Foods and Drugs Act is undertaken by the Police, and I am indebted to Police Superintendent William C. May of Bridgend, for the following summary of the articles sampled under the above Act, together with the results of the analysis :—

<i>Articles Analysed.</i>	<i>Total Samples.</i>
New Milk .....	32
Lard .....	1
Cocoa .....	1
Sagion .....	1
Dried Egg .....	1
Semolina .....	1
Fruit Spread.....	1
Fish Paste .....	1
Coffee .....	1
Sauce .....	1
Pepper .....	1
<hr/>	
Total.....	42

There were five prosecutions arising out of the analysis of the above samples. There were two prosecutions for selling milk containing added water, in each case the defendant was fined and ordered to pay costs. There were three prosecutions for selling milk deficient in milk fat, two of which resulted in the defendant being ordered to pay fine and costs and one was dismissed.

# CAUSES OF DEATH IN THE MAESTEG URBAN DISTRICT, 1943 (CIVILIANS ONLY.)

<i>Causes of Death.</i>					<i>M.</i>	<i>F.</i>
ALL CAUSES	...	...	...	...	155	132
1. Typhoid and Paratyphoid Fevers	...	...	...	...	0	0
2. Measles	...	...	...	...	0	0
3. Cerebro-Spinal Fever	...	...	...	...	0	1
4. Scarlet Fever	...	...	...	...	0	0
5. Whooping Cough	...	...	...	...	0	1
6. Diphtheria	...	...	...	...	1	1
7. Tuberculosis of Respiratory System	...	...	...	...	10	9
8. Other forms of Tuberculosis	...	...	...	...	2	4
9. Syphilis	...	...	...	...	0	0
10. Influenza	...	...	...	...	2	0
11. Acute Polio-myelitis & polio encephalitis	...	...	...	...	0	0
12. Acute inf. encephalitis	...	...	...	...	0	0
13. Cancer of breast	...	...	...	...	0	3
14. Cancer of buc. cav. and oesph: (M.); uterus (F)	1	...	...	...	1	0
15. Cancer of stomach and duodenum	...	...	...	...	11	4
16. Cancer of all other sites	...	...	...	...	14	9
17. Diabetes	...	...	...	...	0	4
18. Intra-cranial vascular lesions	...	...	...	...	10	10
19. Heart Diseases...	...	...	...	...	28	34
20. Other diseases of circulatory system	...	...	...	...	4	1
21. Bronchitis	...	...	...	...	24	13
22. Pneumonia	...	...	...	...	11	7
23. Other respiratory diseases	...	...	...	...	6	2
24. Ulcer of stomach or duodenum	...	...	...	...	2	0
25. Diarrhœa under 2 years	...	...	...	...	3	1
26. Appendicitis	...	...	...	...	1	1
27. Other digestive diseases	...	...	...	...	4	3
28. Nephritis	...	...	...	...	2	4
29. Puerperal sepsis	...	...	...	...	0	0
30. Other Maternal causes	...	...	...	...	0	1
31. Premature birth	...	...	...	...	2	4
32. Congenital malformation, birth inj., infant dis.	4	...	...	...	4	4
33. Suicide	...	...	...	...	2	1
34. Road traffic accidents	...	...	...	...	2	0
35. Other violent causes	...	...	...	...	4	1
36. All other causes	...	...	...	...	5	9
<i>Deaths of Infants under 1 Year :—</i>						
Total	...	...	...	...	18	18
Legitimate	...	...	...	...	18	18
Illegitimate	...	...	...	...	0	0
<i>Live Births :—</i>						
Total	...	...	...	...	230	213
Legitimate	...	...	...	...	222	202
Illegitimate	...	...	...	...	8	11
<i>Stillbirths :—</i>						
Total	...	...	...	...	14	5
Legitimate	...	...	...	...	13	5
Illegitimate	...	...	...	...	1	0











